Fundamental domain of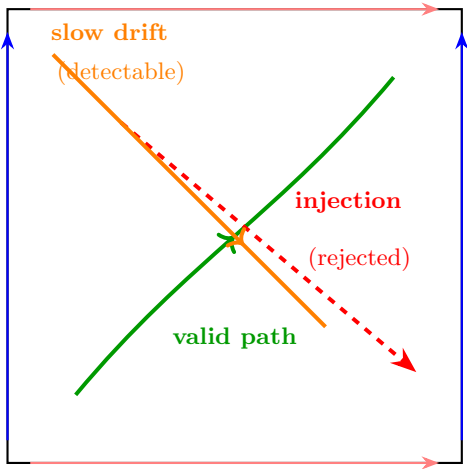 $\mathbb{T}^2$